



Army Learning Management System (LMS)

Configuration Requirements Control Board (CRCB)

VTC #2

16 September 2004

Purpose

- Discuss LMS Functional Requirements List
- Decide on the final makeup of the LMS Functional Requirements List
- Prioritize the LMS Functional Requirements List
- Set the way for the CRCB during VTC #3

Agenda

- Review of the minutes from VTC #1
- Review and Discussion of LMS Functional Requirements
- Prioritization of LMS Functional Requirements
- Way Ahead

Review Minutes

- Minutes from VTC# will be reviewed

Rules of Engagement (ROE)

- Review of each Major Functional Requirement Category and its sub-functions
- Action Officers discuss any suggested deletions/additions to Major Functional Requirements or sub-functions
- 20 minute time limit of discussion of each major category

LMS FUNCTIONALITY (Increment 2&3)

Major Categories

Functionality Description

ATIA Interface	Scheduling	Notification Requirements	Full Reporting Functionality	Remaining Base System Modification Requirements	Student Generated Learning Material Storage	Collaboration	This is a learning method that involves one or more groups of individuals (a team) who together complete a learning activity.
							Storage of student produced products as required by the education / training courseware.
							These are changes to the baseline configuration of COTS software / hardware needed to bring to bring the final production LMS configuration into full compliance with the functional requirements.
							The generation of standardized reports from information residing in the data base, compiling ad hoc reports and building report templates.
							<i>Automated process to provide information and data to system users as needed to perform their education / training roles as defined in the ATIA-OA.</i>
							This is the unit and individual education / training management activity of ensuring the specific units, people, things (equipment, materials, etc.), and site(s) (facility) are available for use to create and implement the education/training when needed (time and time p
							The connectivity linkage and transfer of information / data between the ATIA database and other databases.

Collaboration

Current Capabilities

- ✓ **Provide Collaboration [Administration]-Instructor Sets for Class**
- ✓ **Asynchronous Collaboration-Threaded Discussion Communities**
- ✓ **Synchronous Collaboration-Chat**

Proposed Capabilities (A452123, A452121)

- **Virtual E-classroom Capabilities:**
 - **Application Sharing**
 - **Single Level Break-out Sessions**
 - **Recording of Sessions**
 - **Point to point and Multi-point Text Chat**
 - **Dynamic and Recordable White Board Functions**
 - **Audio and Video Collaboration**

Collaboration Proposed Changes

- Proposed:
- Ability to download transcripts
- Ability to add port 80 and 443 tunnel protocol
- Firewall solutions
- Scalability / Bandwidth issues
- Synchronous collaboration
- Non resident course requirements from SMA
- Capability of software to use high and low bandwidth

Student Generated Learning Material Storage (SGLMS)

Current Capabilities

- ✓ **No SGLMS Available**

Proposed Capabilities

- **Graphics Unit Interface (GUI) Modified to Support Student Generated Learning Management Storage (SGLMS)**
- **Modify the SABA Authentication Class to Execute the Authentication Code on the SGLMS**
- **Access and Turn-in Electronic Course Assignments (A42571)**
- **Electronically Share Learning Material (A42121422, A4521224)**
- **Provide On-line Personal Notebooks (A4522)**

SGLMS Proposed Changes

- Proposed:
- Remove notebook capability
- One system to monitor students grades/progress and access with councilors
- Ability to capture rank order/numeric grades

Base System Modifications (Course and Product Catalogs)

Current Capabilities

- ✓ **Provide and Maintain Course Catalog**
- ✓ **Provide Course Catalog Search Capability**
- ✓ **Provide MOS/Career Path**
- ✓ **Provide and Maintain Product Catalog**
- ✓ **Provide Product Catalog Search Capability**

Proposed Capabilities

- **Notify Users of Update to Course Catalog**
- **Notify Users of Course Change**
- **Notify CM of New Product or Update**
- **Display Course Data Attachments to Course Developers**

Course and Product Catalogs

Proposed Changes

- Supplemental information in PM 350-12 ATRRS online catalog soldier self containment submit to courseware and testing DIVIS and DAVIS three sets of documents that feed into the catalog now – it's not new
- Need to review to make sure it's part of the process

Base System Modifications (Registration)

Current Capabilities

- ✓ **Process Registration Requests**
- ✓ **Provide Training Approval**
- ✓ **Process Eligibility Requirements**
- ✓ **Create Learner Reservations**
- ✓ **Maintain Learner Reservations**
- ✓ **Manage Wait List**
- ✓ **Reserve Digital Training Facility (DTF) workstations**

Proposed Capabilities

- **Process Request Approvals**
- **Maintain Reservation Processes**
- **Support Shared Training Events**
- **Provide POI and Non-POI Training Schedules**

Registration

Proposed Changes

- Proposed:
- Need capability for student to access school approval waiver
- Ensure ATRRS' overbooking / wait list is accommodated by LMS
- LMS is proposed to replace AIMS PC, need to capture all proposed capabilities
- How do we perceive how to use LMS? What should be accomplished?
- The fielding process should build on the business process

Base System Modifications (Product Distribution)

Current Capabilities

- ✓ **Determine Product Requirements**
- ✓ **Distribute Product to the Learner**

Proposed Capabilities

- **Notify Recipient with URL of Material Requested**
- **Notify CM, Product Distributor (PD) to get Additional Inventory**
- **Determine Product Requirements**

Product Distribution Proposed Changes

- None proposed.

Full Reporting Functionality

Current Capabilities

- ✓ **Provide Training Reports**
- ✓ **Maintain Education/Training Products and Material Inventory**
- ✓ **Maintain Courseware Assets**
- ✓ **Support DA Resourcing Requirements**
- ✓ **Manage Training Facilities Information**

Proposed Capabilities

- **Resource Utilization**
- **Hard Copy Schedule by Class, Event, Resource, Students, etc**
- **Resource Availability by Capability (classroom, shop, recovery ranges, individual vehicle, resource limitations, cost)**
- **Ad-Hoc Reports (A6321)**

Full Reporting Functionality

Proposed Changes

- Post list of reports on web (commercial format)
- Support AAR and college type transfer
- Requirements for form DA 1059, DA 52-86-R, DA 4187
- Investigate crystal reports

Notification Requirements

Current Capabilities

- ✓ **Notify Learner of Successful Registration**
- ✓ **Notify Recipient of Products Shipped**

Proposed Capabilities

- **Notify Learner's Unit Training Manager (UTM) of Registration**
- **Notify Learner of Approval of Request**
- **Notify Learner, UTM of Disapproval of Request**
- **Notify Learner, UTM, CM, Class Manager and Instructor of Current Registrations**
- **Notify Learner, UTM of Account Activation**
- **Notify Learner, UTM of Wait List**

Notification Requirements

Proposed Changes

- Cancellation /
reschedule notification

Scheduling

Current Capabilities

- ✓ **Schedule Events and Resources**
- ✓ **Process Reservations**
- ✓ **Create, Preview and Distribute Schedule**
- ✓ **Support Schedule Modifications**
- ✓ **Support Unscheduled Learners**
- ✓ **Support Unit Training (Block Scheduling)**

Proposed Capabilities

- **Dynamic and Complete Resource and Event Scheduling**
- **Robust Conflict Identification**
- **Provide Conflict Resolution Suggestions**
- **Detailed and Scalable Facility Scheduler**
- **Allows Overlaps of Facilities and Resources**
- **Provide Scalable Reports on Resource Utilization**

Scheduling Proposed Changes

- Review capabilities of ASTRA version
- Review complex group scheduling
- Local access control / manage distinguished guests

Army Training Information Architecture (ATIA) Interface

Current Capabilities

- ✓ **No ATIA Interface**

Proposed Capabilities

- **Provide Interface with ATIA
Common Training Database
(14.01.05)**
- **Operate Seamlessly with ATIS
Configurations (TDDT, TDMC,
UTMC)**
- **Provide Data Interface
Required to Deliver DL Content
from Multiple Locations**

ATIA Proposed Changes

- Provide direct interface of LMS/SABA with blackboard learning system
- Universal interface to incorporate legacy LMS

Prioritization Rules of Engagement (ROE)

- Open forum for discussion of priority of Major Functional Requirements
- Action Officer will speak for respective agency
- 20 minute time limit

Functional List Prioritization

Functional Requirements
Collaboration
Material Storage
Base System Modifications
Reporting Functionality
Notification
Scheduling
ATIA Interface

Way Ahead

- Send Prioritized listing of functional requirements to POC, Mr. Curtis Holmes at holmesc@monroe.army.mil NLT 17 Sep 04
- We will publish results with minutes NLT 24 Sep
- **Homework:**
 - Review prioritized functional requirements list with respective leadership
- **VTC#3 30 Sep 04** (1330-1600 hrs-EDT)
- Convene Configuration Requirements Control Board with board members to vote on prioritized functions

Questions?

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